

North Carolina State Highway Patrol Training and Driving Facility



Drivers Training Mission



The mission of the North Carolina Highway Patrol Drivers Training Program is to provide vehicle operation training techniques to law enforcement officers which will improve their driving skills resulting in safe and efficient vehicle operation under both normal and emergency situations.

NCSHP Drivers Training

- ▣ Since the creation of the North Carolina State Highway Patrol, by act of the General Assembly effective 1 July 1929, the Patrol continues to provide driver training during each basic training school.



In the Beginning

- ▣ Driving courses for the Patrol were taught across the state at various locations to include small parking lots and airports. Many of which were provided by private citizens and organizations.
- ▣ In 1987, the General Assembly appropriated funds for the construction of a drivers training facility.
- ▣ This facility was to be built at the North Carolina Highway Patrol Training Center.
- ▣ The Driver's Training Facility was constructed adjacent to Tryon Road near the Training Academy

Aerial View of the NCSHP Driving Facility



10/13/2016

North Carolina State Highway Patrol

Track Configurations

- ▣ Large Oval – 1.1 miles
- ▣ Large Oval/ Alternate – 1.4 miles
- ▣ Off road course - .75 miles
- ▣ Skid pad – (4) 50 x 100
- ▣ Cone course - 600 x 600

Driver Training Instructors

- ▣ A First Sergeant is assigned to oversee the Driver Training program.
- ▣ A Patrol Master Trooper is assigned to oversee day to day activities and instructor scheduling.
- ▣ The Patrol uses its own members as driving instructors and currently have 85 Troopers who maintain their driver training certification.

Driver Training Instructors (cont.)

- ▣ Instructors are required to complete a Criminal Justice General Instructor Training Course.
- ▣ They must also complete a 48-hour Specialized Driver Instructor Training (SDIT) Course.
- ▣ The SDIT schools are regulated by the NC Criminal Justice Education and Training Standards Commission.
- ▣ Schools are only conducted at the NC Justice Academy and NCSHP Driving Facility.

Courses Instructed

- ▣ NCSHP Basic School
 - Patrol Cadets are instructed in two different ways during basic training.
 - ▣ Short school cadets (BLET certified) are taught a 40-hour course inclusive of cone courses, high speed and low speed driving as well as P.I.T. training.
 - ▣ Long school cadets (non-BLET certified) are taught an 80-hour block of instruction which includes mandated courses as well as additional cone, high-speed, low-speed, skid and P.I.T. courses.

Courses Instructed (cont.)

- ▣ Basic Law Enforcement Training (BLET)
 - Along with our long school cadets, BLET is also taught to Wake Technical Community College and Greensboro Police Academy.
 - In-service Training
 - ▣ Patrol members are brought back for continuing education when attending a drivers training in-service.

Courses Instructed (cont.)

- ▣ Motorcycle Certifications/Proficiency
 - The Patrol's Motor Unit teaches both a basic motor school and motor unit in-service. Basic Motor Schools are often attended by both in state and out of state outside agency officers.
- ▣ Defensive Tactics (Vehicle Stops)
 - The Defensive Tactics Unit teaches advance vehicle stops to the Patrol's cadets at the driving facility. Students are taught the dangers of and how to react to vehicle stops. Cadets are presented with an array of scenarios which are performed in a controlled environment.

Courses Instructed (cont.)

- ▣ High-Speed Training
 - Simulates high speed chases or emergency responses where speeds over 100 mph are often obtained and proper lane control, curve set-ups and braking are taught.
- ▣ Low-Speed Training
 - Simulates chases or emergency response scenarios that would be found more in a city or urban setting.

Courses Instructed (cont.)

- ▣ 4-Wheel Drive Training
 - This course instructs the students in how to navigate rough or muddy terrain in 4-wheel drive vehicles as well as basic winching techniques.
- ▣ Skid Pad Training
 - Performed on a wet surface in which a skid is induced, and the student has to react to the skid. This exercise teaches the proper steering in a loss of control scenario.

Courses Instructed (cont.)

- ▣ Executive Protection Training
 - Teaches the fundamentals of security and protection of dignitaries, how to avoid and how to react to a threat event.
- ▣ Precision Immobilization Training (P.I.T.)
 - This course teaches the student how to perform a controlled contact between a patrol vehicle and suspect vehicle during a pursuit. Its intention is to cause the suspect vehicle to spin out, ending the chase.

Who Do We Train?

- ▣ Patrol Basic School Cadets
 - BLET along with additional high-speed , cone and P.I.T courses .
- ▣ Patrol members (in-service, remedial)
 - Continuing Education In-Service (high speed, P.I.T., etc.) and remedial training for when a Trooper displays a deficiency in vehicle operation.
- ▣ Local Law Enforcement agencies
 - In state and out of state police departments and sheriffs departments take a 40-hour course inclusive of low and high-speed driving, off road recovery, various cone courses along with the skid pad course.

Wo Do We Train (cont.)

- ▣ State Law Enforcement agencies
 - Wildlife Resource Officers, State Bureau of Investigation (SBI) and Alcohol Law Enforcement Agency (ALE) take part in courses that have been tailored to there needs. (i.e., backing cone course with a trailer for Wildlife)
- ▣ Federal Law Enforcement agencies
 - U.S. Marshalls, Federal Bureau of Investigation (FBI), Secret Service, Joint Task Force Units are all departments that have gone through a 40-hour block of instruction or have attended a course that has been modified to meet their needs.

How Many Do We Train

▣ NCSHP Basic School	80
▣ NCSHP In-Service	1600
▣ Local Department BLET	100
▣ Local Department In-Service	72
▣ Motorcycle Basic	25
▣ 4-Wheel Drive	16
▣ Executive Protection	40
▣ <u>SBI, Wildlife, ALE</u>	<u>45</u>
Yearly Totals	1978

4 – Wheel Drive Training Course



4 – Wheel Drive Training Course (cont.)



Simulated Aircraft Crash. 4x4 vehicles used to reach the site and conduct rescue / recovery missions. This is one of the scenarios that is presented in the 4x4 course.

Skid Pad

Skid pads are 50' x 100' feet, four in total. A sprinkler system is used to wet the surface.



High Speed Car Equipment

- ▣ 5-Point Safety Harnesses (Driver & Passenger)
- ▣ Window Netting
- ▣ Halon Fire Suppression System
- ▣ NASCAR (Dan Allen Racing) Roll Cage
- ▣ Retrofitted with steel wheels
- ▣ Fuel tanks have been replaced with fuel bladders
- ▣ VHF radio (for intra-car communication and communication with the observation tower)

2011 Dodge Charger “High Speed Car”



4 – Wheel Drive Training Vehicles



Precision Immobilization Technique (P.I.T.) Vehicles



Conclusion

- ▣ The Patrol's driving facility is used for much more than one might initially believe. It serves as an outstanding training facility and has proven to be a very valuable asset in training students and ultimately saving lives.



Questions ?????